

**From:** Albright, Rick  
**Sent time:** 12/24/2013 08:00:15 AM  
**To:** Bailey, Marcia  
**Subject:** FW: Appendix K - Sulfolane Hazard Characterization Considerations Scan  
**Attachments:** Appendix K - Sulfolane Hazard Characterization Considerations.PDF

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Marcia,

Have you ever done any work related to sulfolane? This is a chemical that is the focus of a cleanup at the North Pole Refinery up in Alaska. Bill Farland (who wrote the attached document) was an iconic figure at EPA whose focus for many years was risks related to dioxins/furans. He is now weighing in on what level of sulfolane in drinking water is protective. Since there is no MCL for sulfolane, EPA helped ADEC come up with a protective value of 14 ppb; Bill would argue a much higher value (I think ARCADIS suggests around 300 ppb) is protective.

The attached document is from the risk assessment ARCADIS put together for Flint Hills Refinery. It is an appendix to the RA that is 12 pages long and is a straightforward read. If you have time to look at it, I'd be interested in your thoughts. (b) (5)  
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Thanks.

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**From:** Knecht, Caitlin M (DEC) [mailto:caitlin.knecht@alaska.gov]  
**Sent:** Monday, December 23, 2013 3:49 PM  
**To:** Albright, Rick  
**Subject:** Appendix K - Sulfolane Hazard Characterization Considerations Scan

Hello Mr. Albright,

Please see attached for a scanned document from Kristin Ryan. I am sending a hard copy in the mail this afternoon. Thank you.

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